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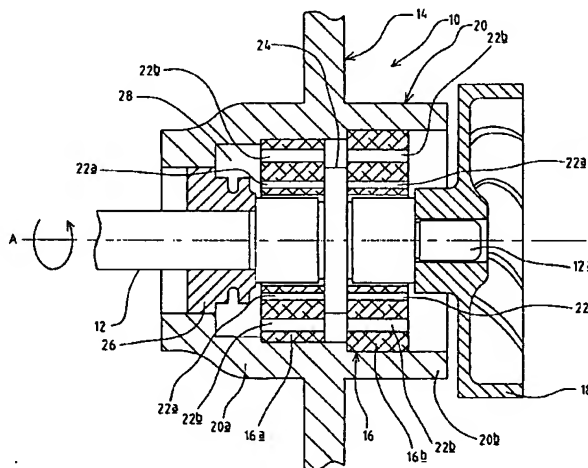
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(54) Title: HYDRODYNAMIC BEARING ARRANGEMENT



(57) Abstract: A hydrodynamic bearing arrangement (10) for a rotatable shaft (12), the arrangement (10) including a housing (14) in which is provided a shaft support (16) with an opening through which the shaft (12) extends, there being a space between the shaft support (16) and the shaft (12), the shaft support (16) including at least one passage (22a, 22b) therethrough which extends generally axially of the shaft (12) from a first side of the shaft support (16) to a chamber (28) provided in the housing (14) at a second side of the shaft support (16) so that liquid at the first side of the shaft support (16) may communicate with the chamber (28) at the second side of the shaft support (16) and thus pass into the space between the shaft (12) and the shaft support (16) from both the first side of the shaft support (16) and from the second side of the shaft support (16) via the passage (22a, 22b) and the chamber (28), the liquid between the shaft (12) and the shaft support (16) maintaining the space between the shaft (12) and shaft support (16) and providing a hydrodynamic bearing for the shaft (12).

WO 2005/057033 A1



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